

FIG. 1A

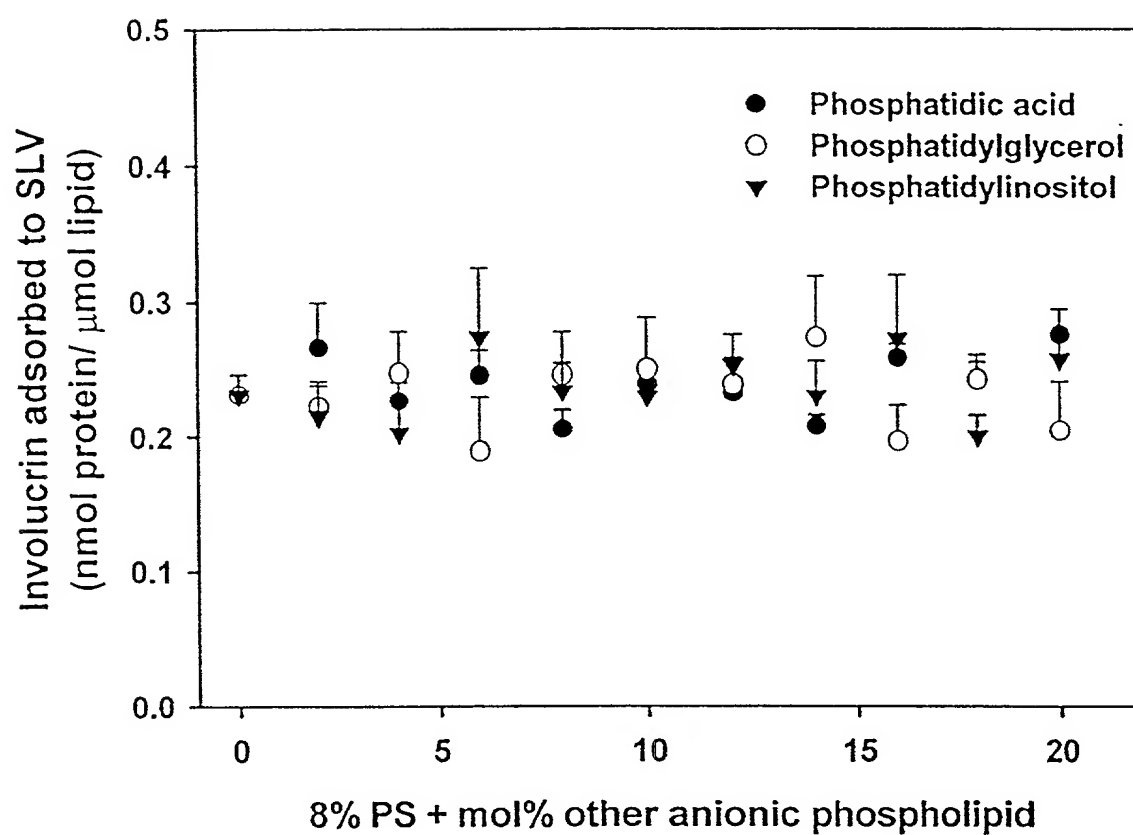


FIG. 1B

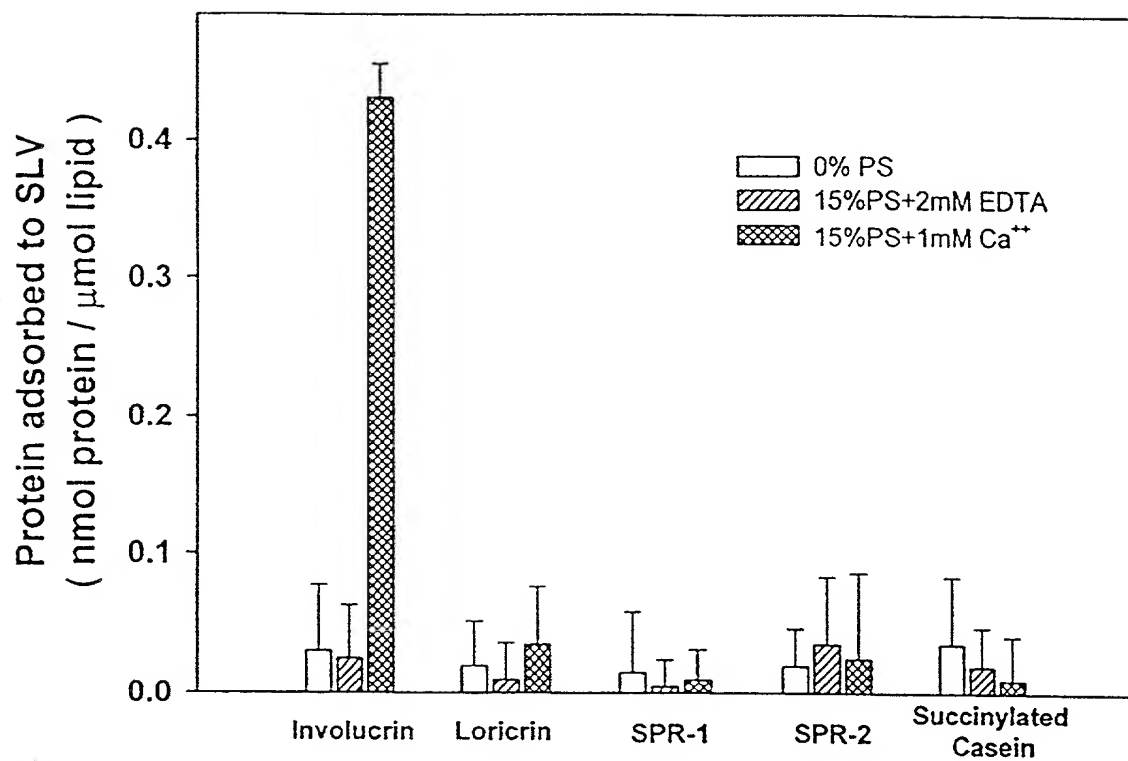


FIG. 2

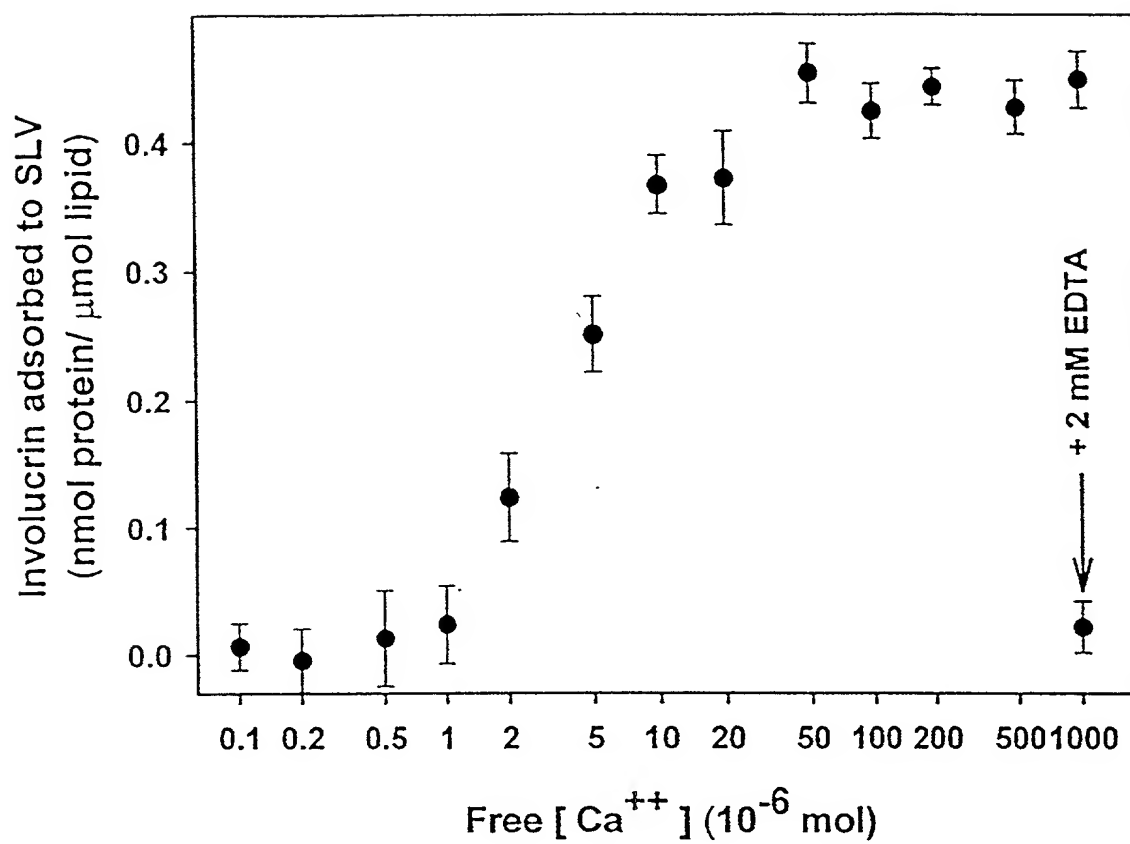


FIG. 3

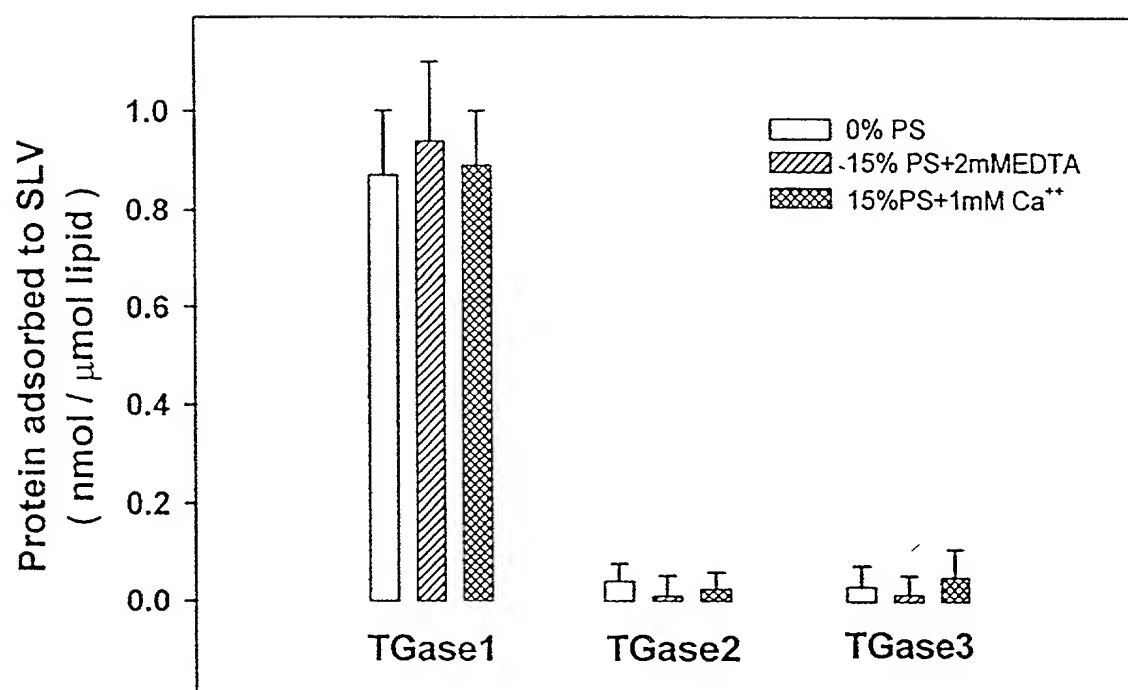


FIG. 4

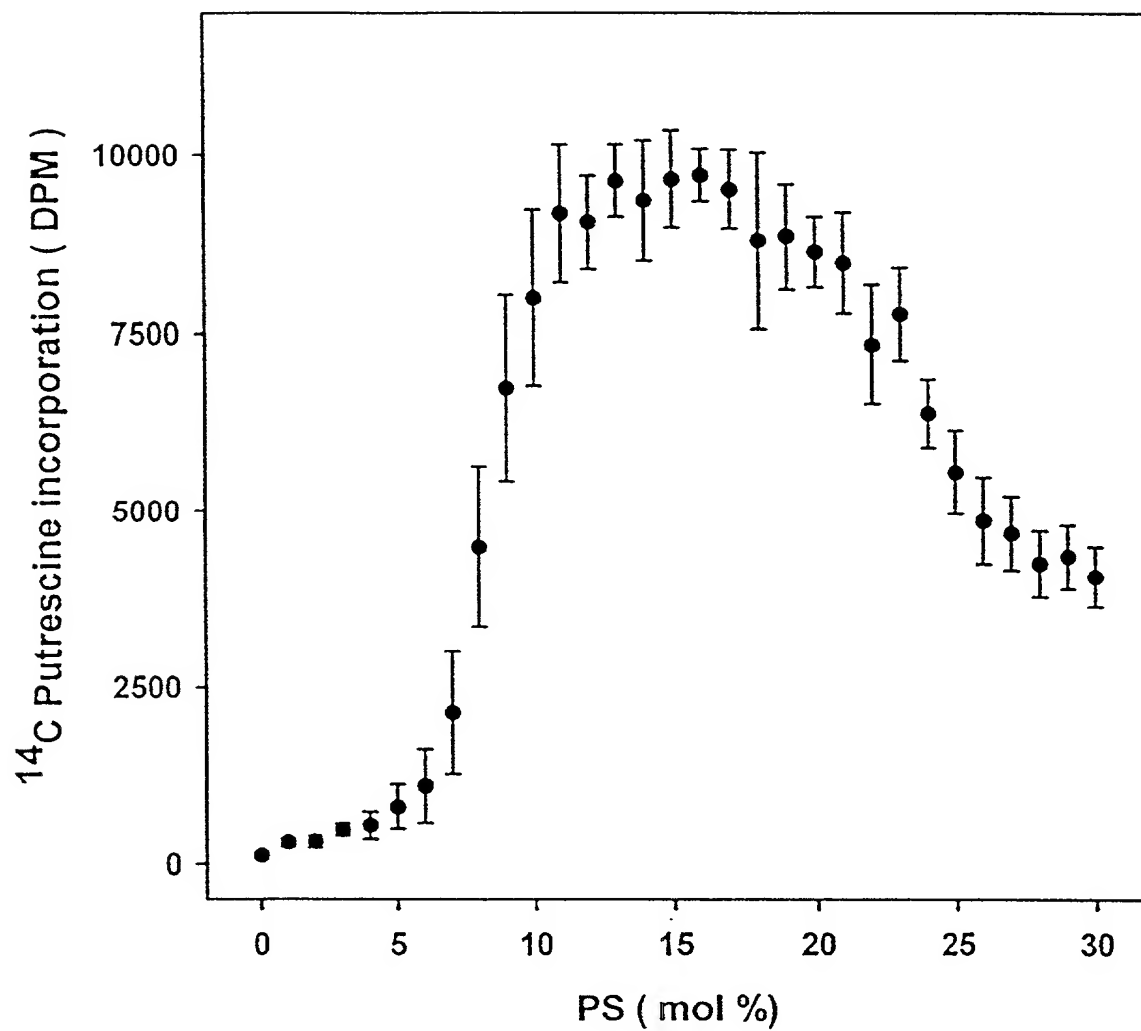


FIG. 5

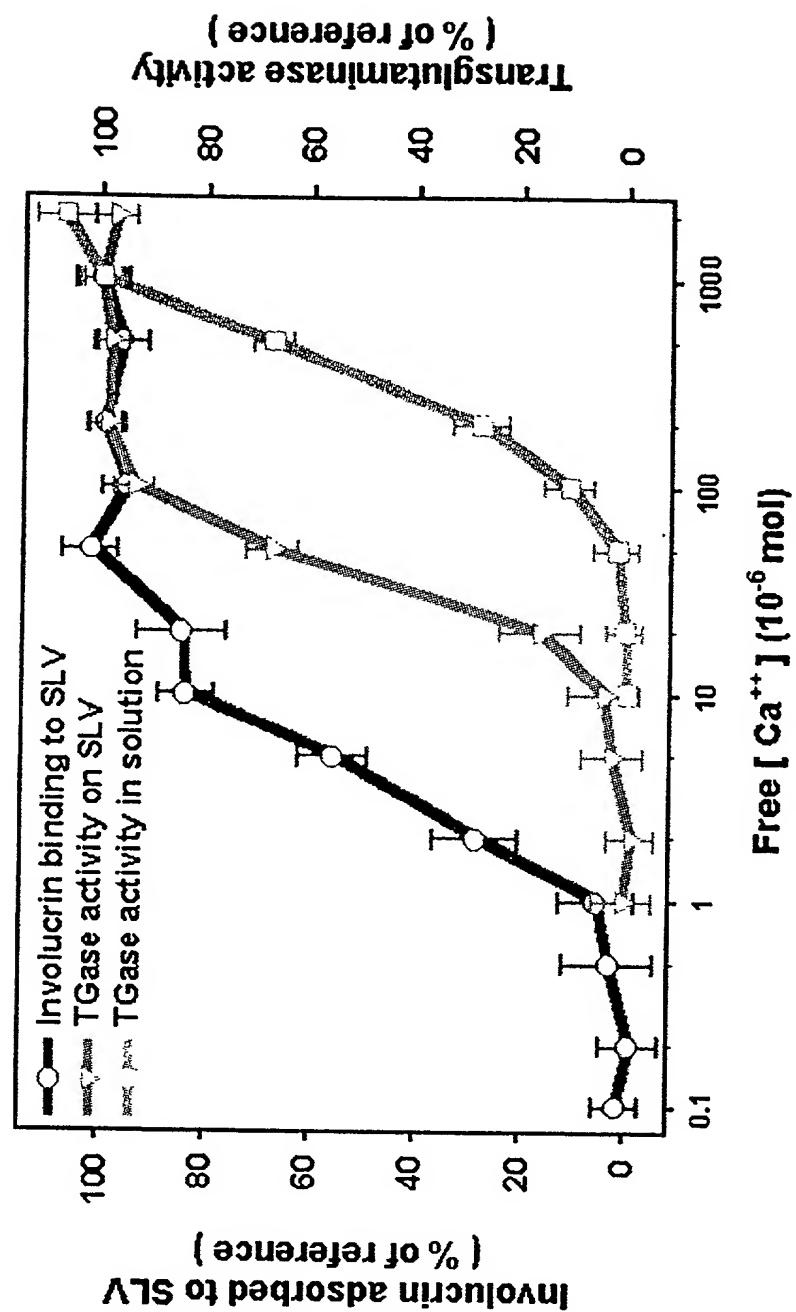


FIG. 6

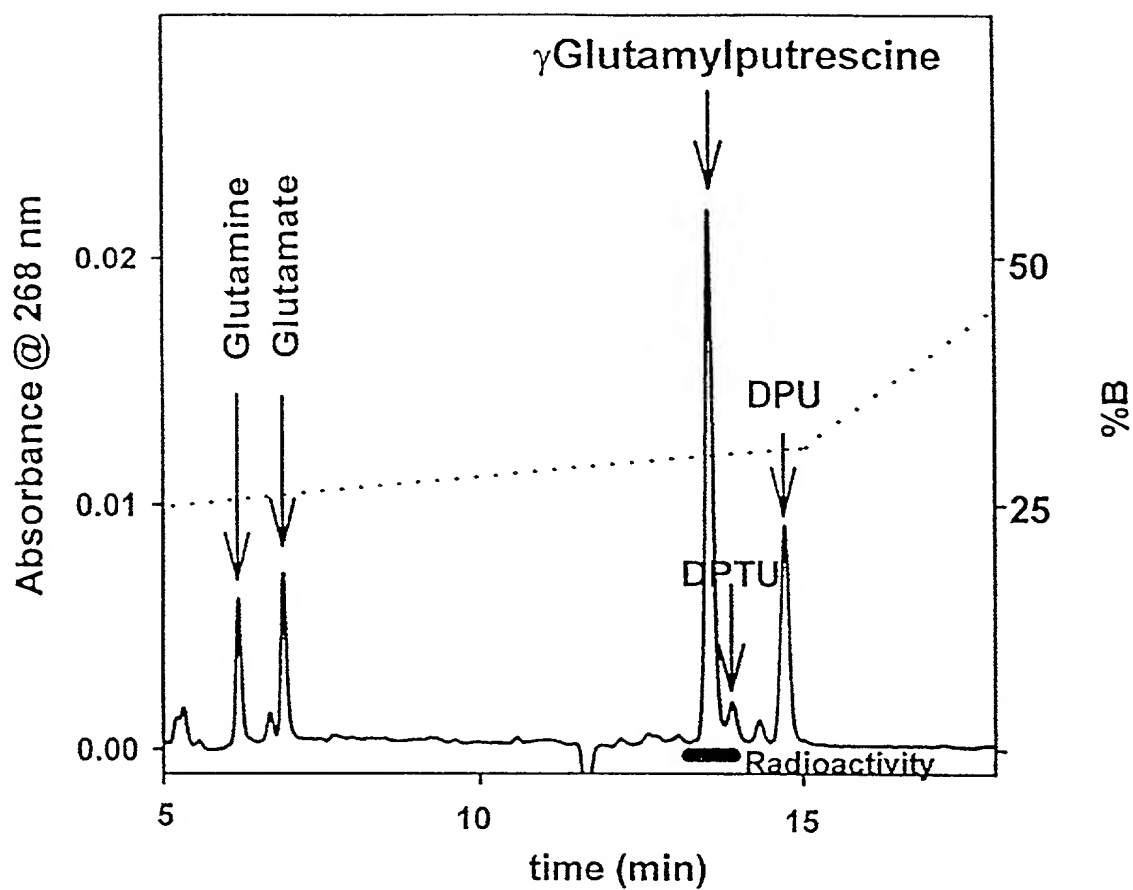


FIG. 7

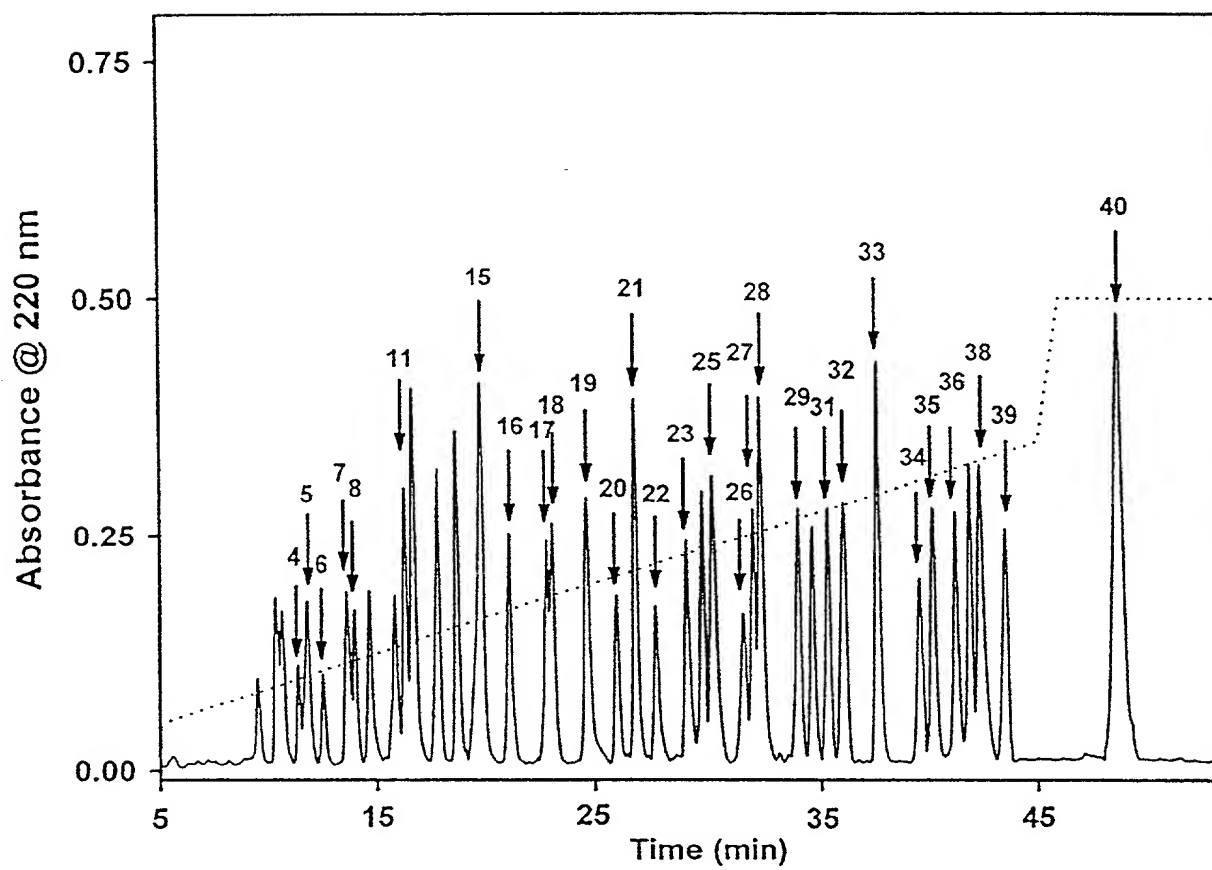


FIG. 8A

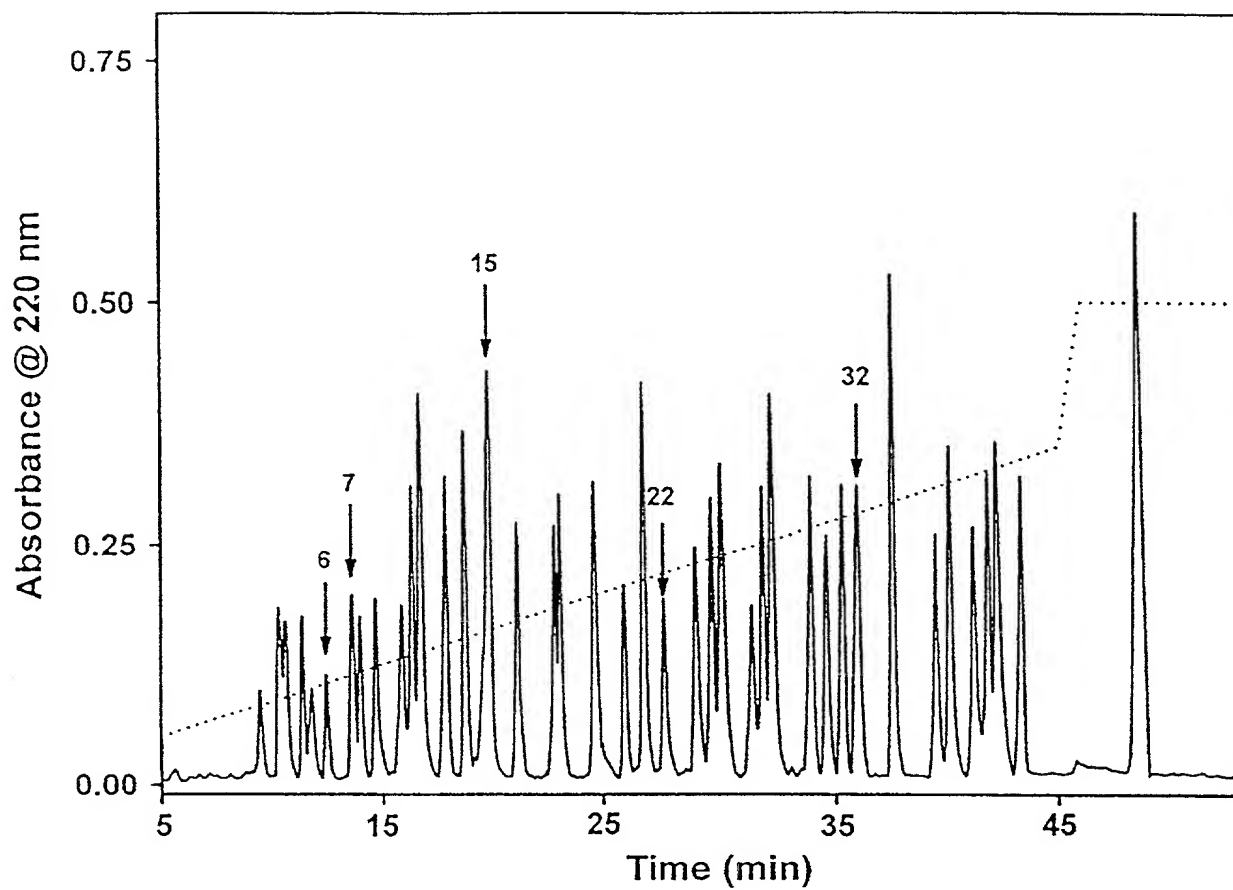
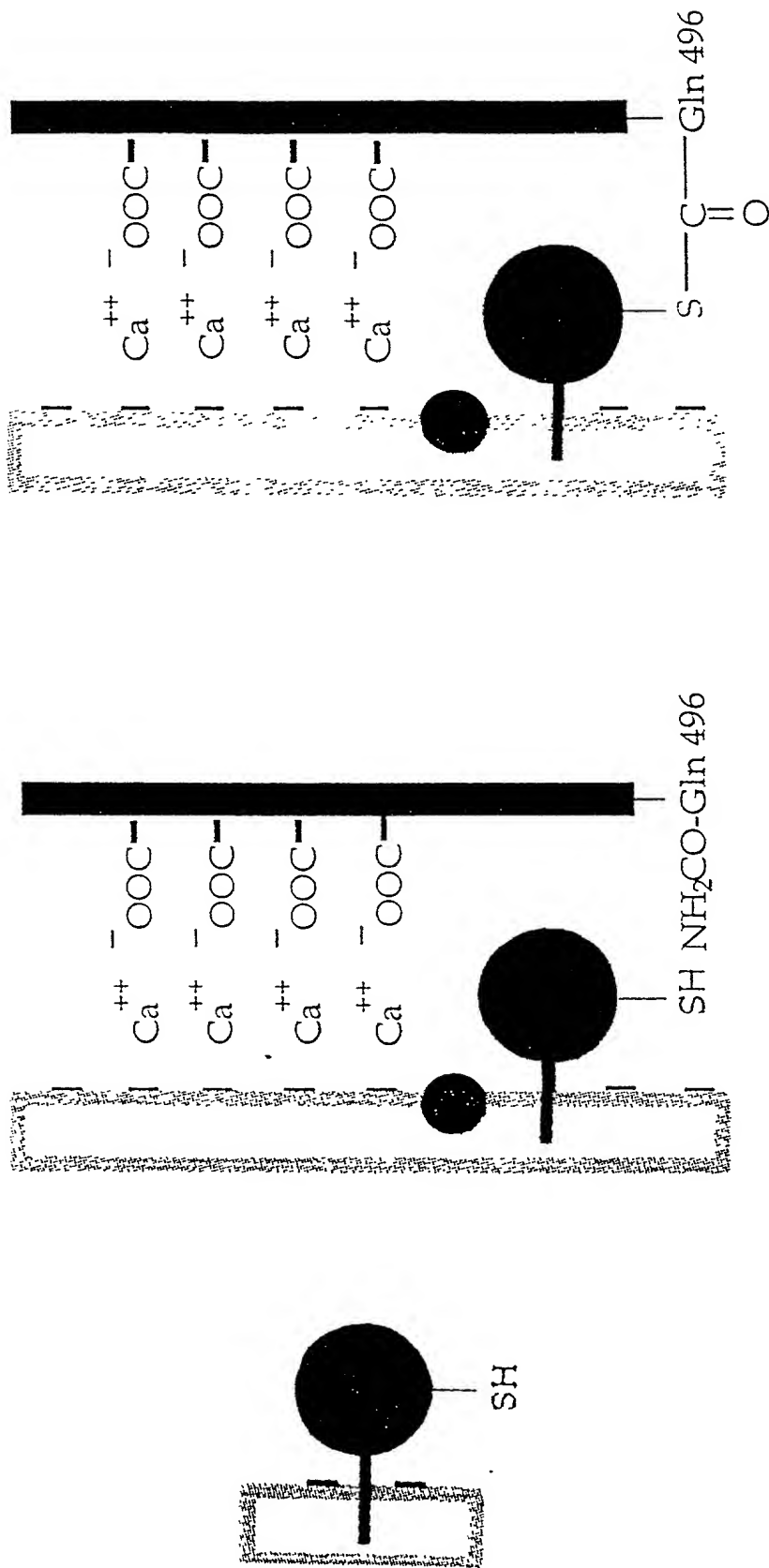


FIG. 8B



Very low Ca^{++}
some TGase 1 is
expressed and
binds to membranes

Initiation of terminal differentiation
some Ca^{++} enters cells; involucrin is
expressed and binds to membranes

Initiation of CE assembly
more Ca^{++} enters cells; TGase 1
is activated and begins to
cross-link involucrin

FIG. 9

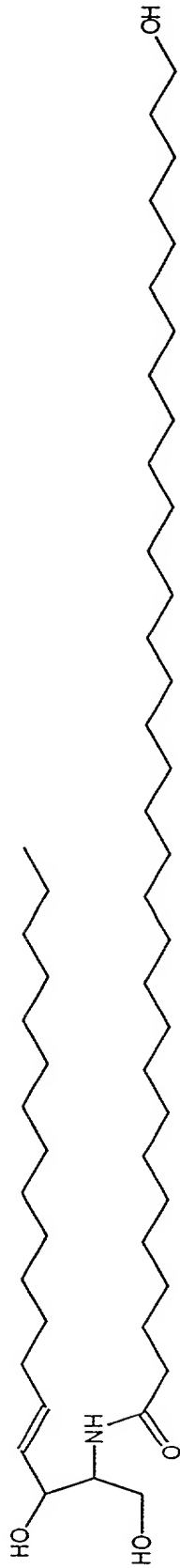


FIG. 10A

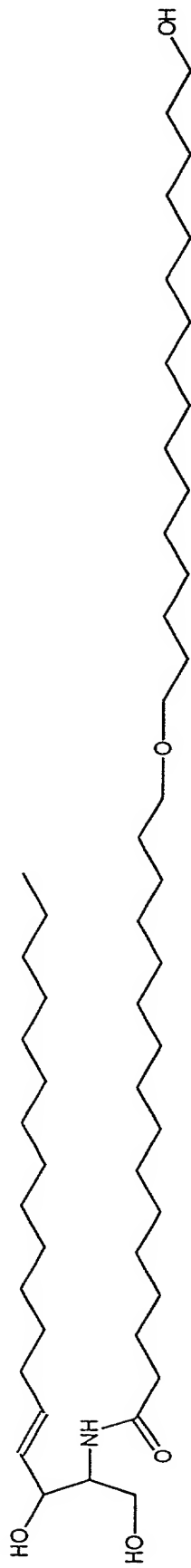


FIG. 10B

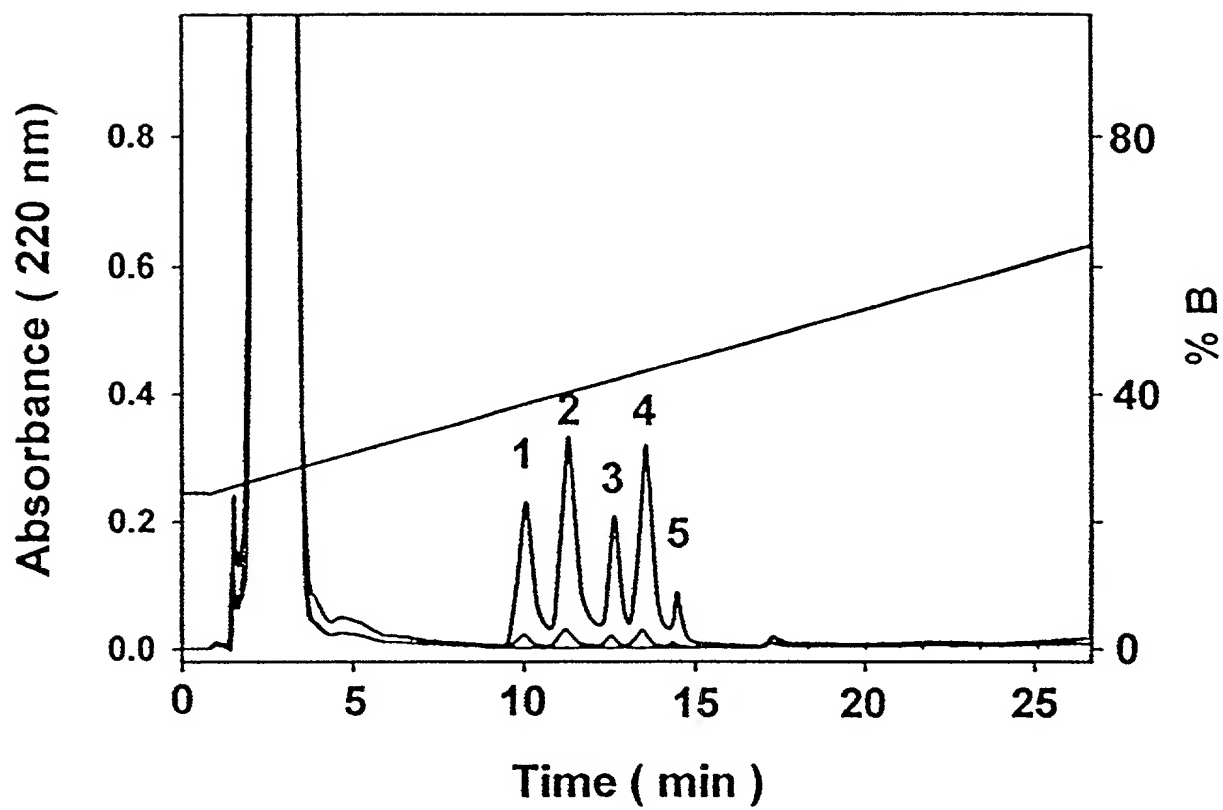


FIG. 11

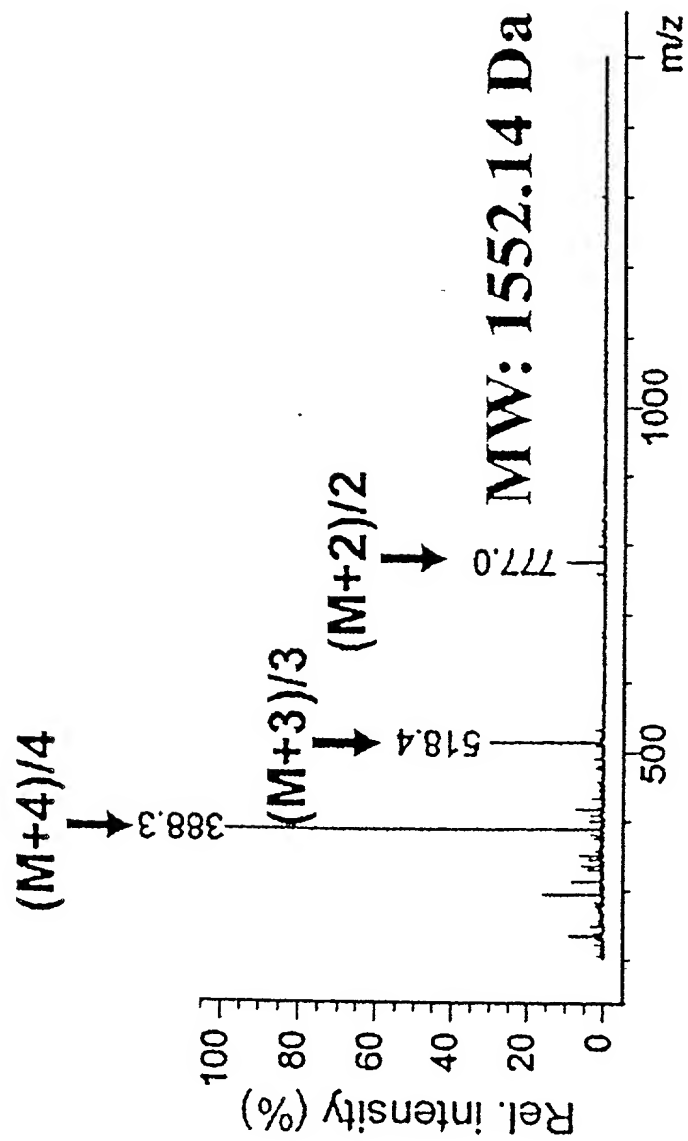


FIG. 12A

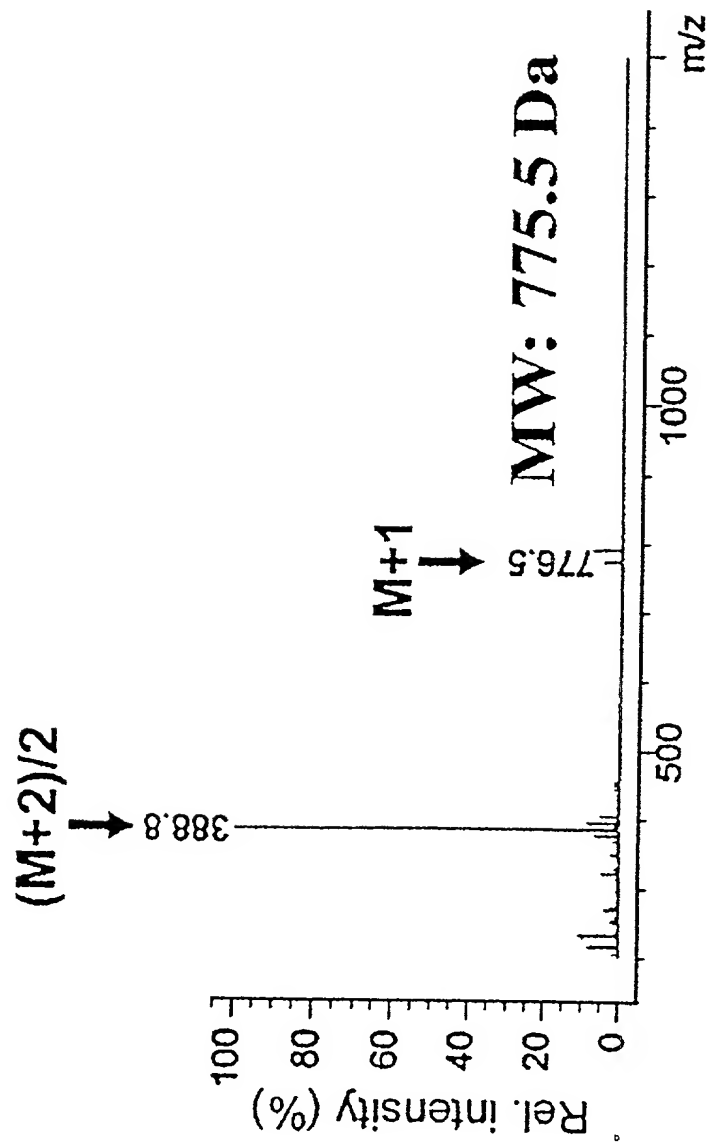


FIG. 12B

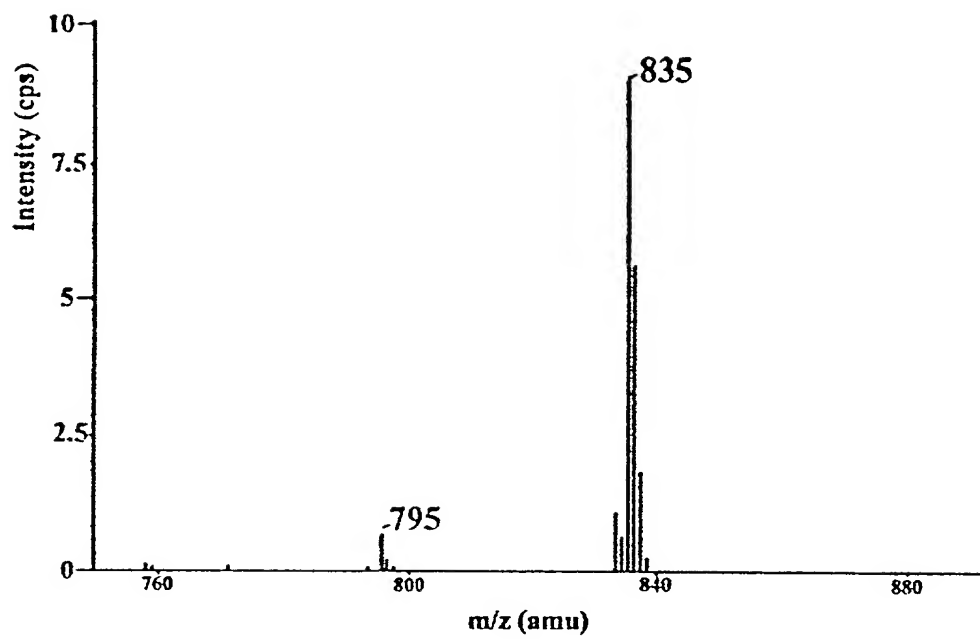


FIG. 13

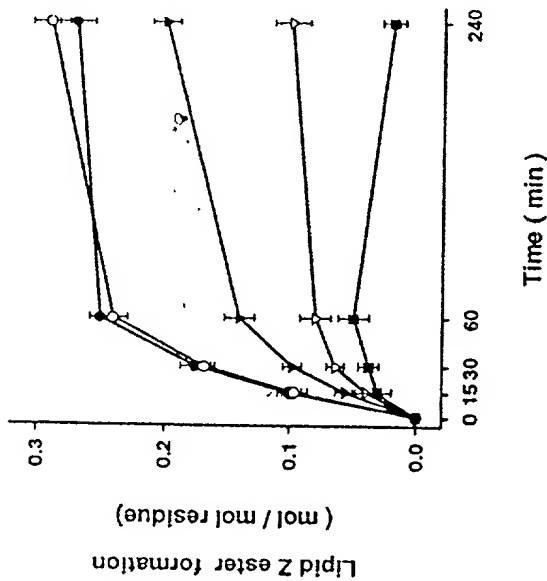


FIG. 14A

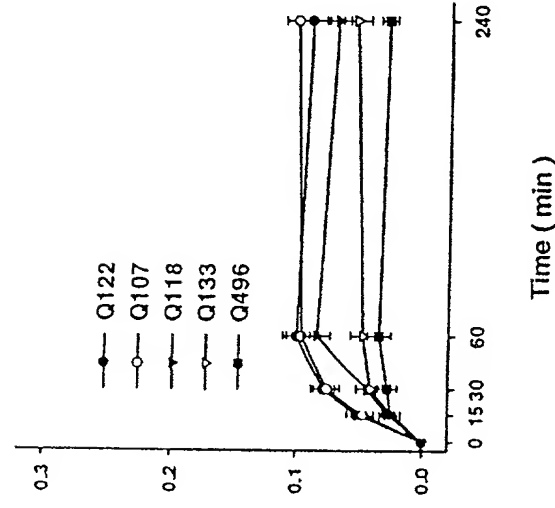


FIG. 14B

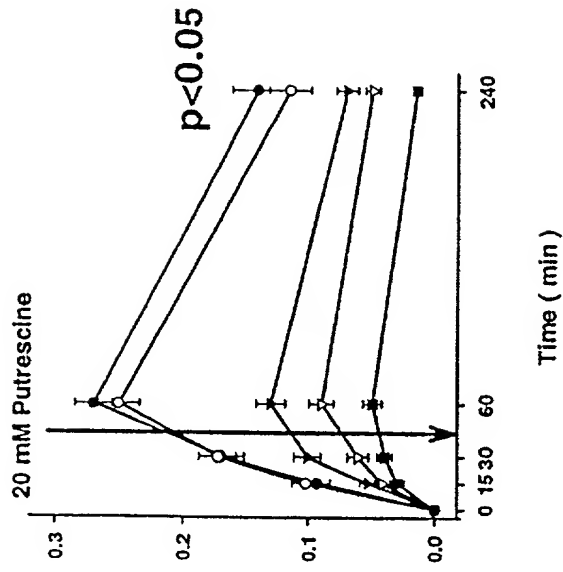


FIG. 14C

FIG. 15A

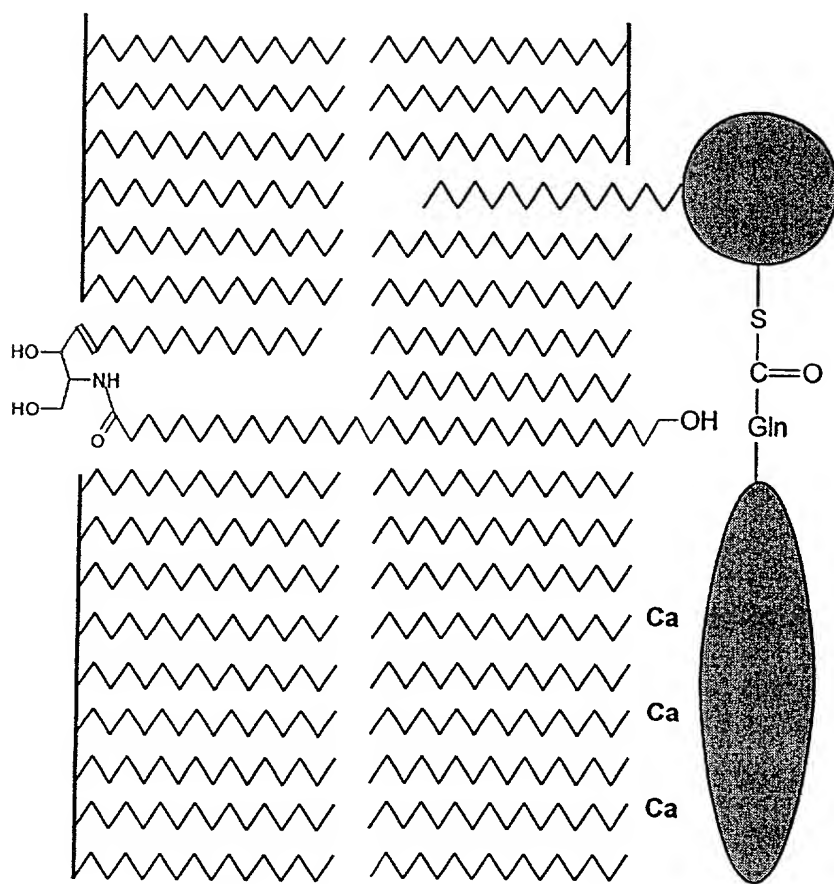


FIG. 15B

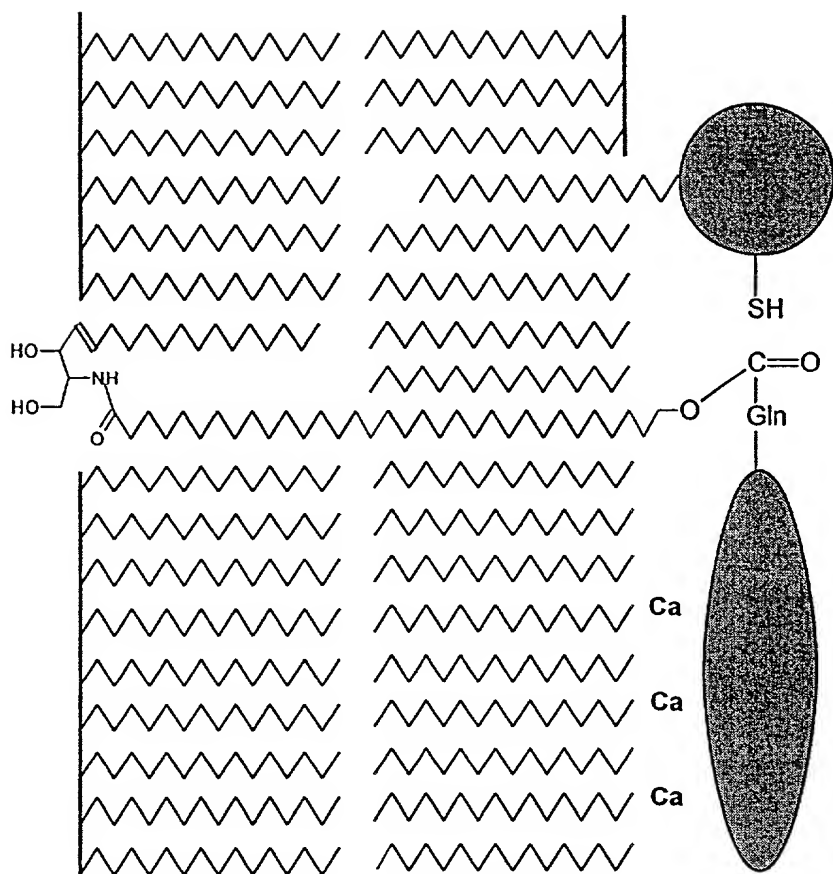


FIG. 15C